

Gravimetric Certificate



EHRENSTORFER™

Product Identification

20004400 PCB No. 44
Formula C₁₂H₆Cl₄
Mol.Weight 291.99
CAS No. 41464-39-5

Expiry Date 04.07.2023

Lot Number 174171IO

Store at 20°C in the dark

Please note: The expiry date is valid under recommended storage conditions only.

Gravimetric Data		Conc. (mg/l)	Purity %	Weight (mg)
Product Name		10.000	99.2	7.157
PCB No. 44				
Solvent Information				
Solvent	Lot No.	Exact Quantity (ml)		
Iso-Octane	H355M15	710.00		
Traceability Data				
20004400 G150797	neat product			
20004400 174171IO	10.000 mg/l			
Analytical Data				
Detection: GC/ECD		Method Details:		
Column: DB-5, 30 m, ID 0.25 mm		Injector: 280° C		
Inj.-Vol.: 1.00 µl		Start Temperature: 60° C for 5 min		
Flow: 1.0 ml/min		End Temperature: 280° C for 1 min		
Ret.-Time: 18.32 min.		Gradient: 15° C/min		
Identity check RT				
Comment				
The uncertainty/tolerance of this standard is +/- 2.0 %, calculated in accordance with the EURACHEM/CITAC Guide - Quantifying Uncertainty in Analytical Measurement - Second Edition. The uncertainty given is the expanded combined uncertainty and represents an estimated standard deviation equal to the positive square root of the total variance of the uncertainty of components. The expanded uncertainty is U which is Uc(y)*K, where K is the coverage factor at the 95% confidence level (K=2). The expanded uncertainty is based on the combination of uncertainties associated with each individual operation involved in the preparation of this product.				

Certified on 04.07.2018

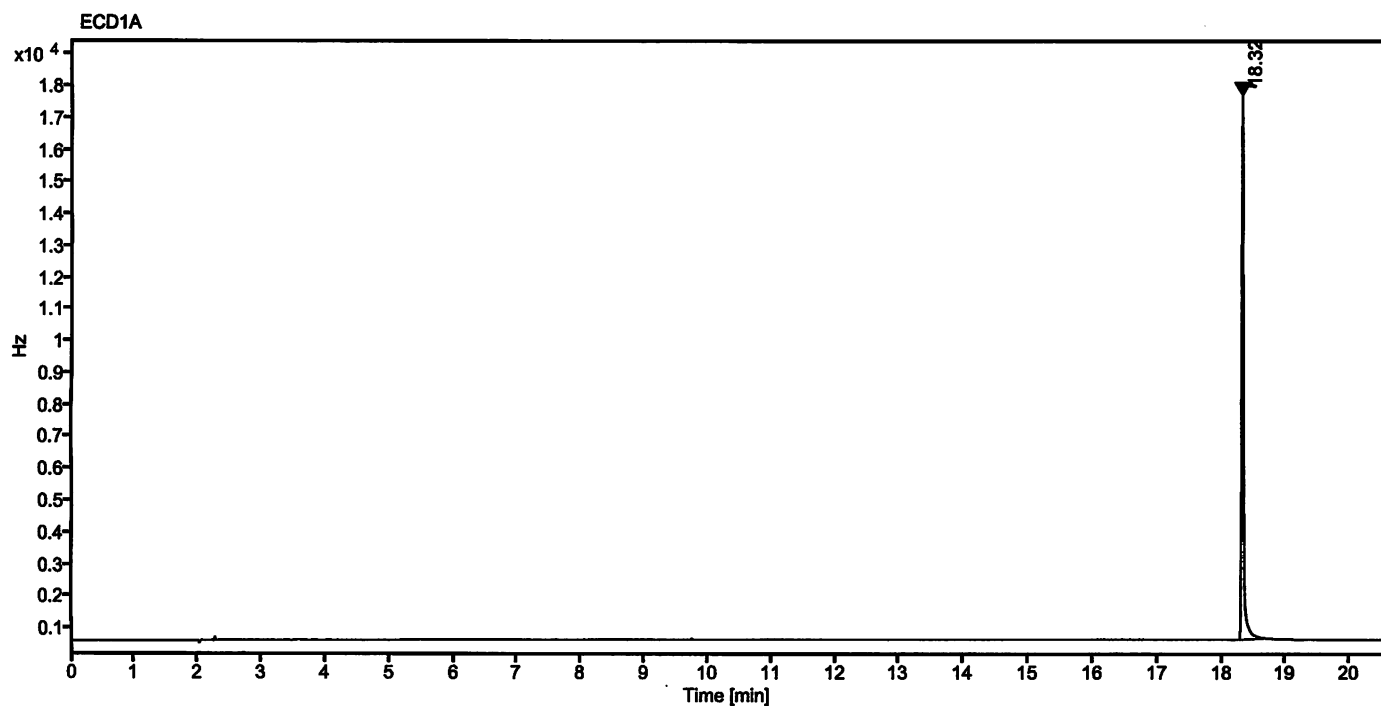
by N. Müller

The Laboratory LGC Labor GmbH is accredited by DAkkS as indicated by the Accreditation Number D-RM-19883-01 & D-PL-19883-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for production of certified reference materials in form of organic pure substances and in form of single and multi-component solutions organic pure substances.

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The warranty for this product is limited to the purchasing price of this product.

04.07.2018
SSG

Data file: 20004400-26-r001.dx Instrument: ECD
Sample name: 17417110 Sequence Name: 2018KW23-ECD-0614a
Inj. volume [µl]: 1.0 Injection date: 6/15/2018 2:13:10 AM
Acq. method: PESK.amx Location: 46
Sample Description PCB No. 44



Signal: ECD1A

Nr.	RT [min]	Area [Hz*s]	Height [Hz]	Area%	Width [min]
1	18.32	34194.64401	17046.83	100.00	0.030
	Sum	34194.64			